

Street Maintenance Utility Fee

November 30 &
December 2, 2017
Public Open House

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City of Molalla



Open House Purpose

- Provide an overview of the process that the City performed to determine the condition of its streets.
- Provide pavement condition information to members of the community.
- Allow City Council and City staff to interact with members of the community and receive input on the possibility of establishing a utility fee for pavement maintenance of City owned and operated streets.

Project Funding, Scope & Report

- A pavement condition survey project was budgeted as part of FY 2015-2016
- Project began in February 2016.
- Database of City owned and operated streets (33 total miles) was created.
- Consultant performed a survey of all streets and rated the condition of the pavement (Pavement Condition Index or PCI) on a scale from 0 to 100 (100 = new street).

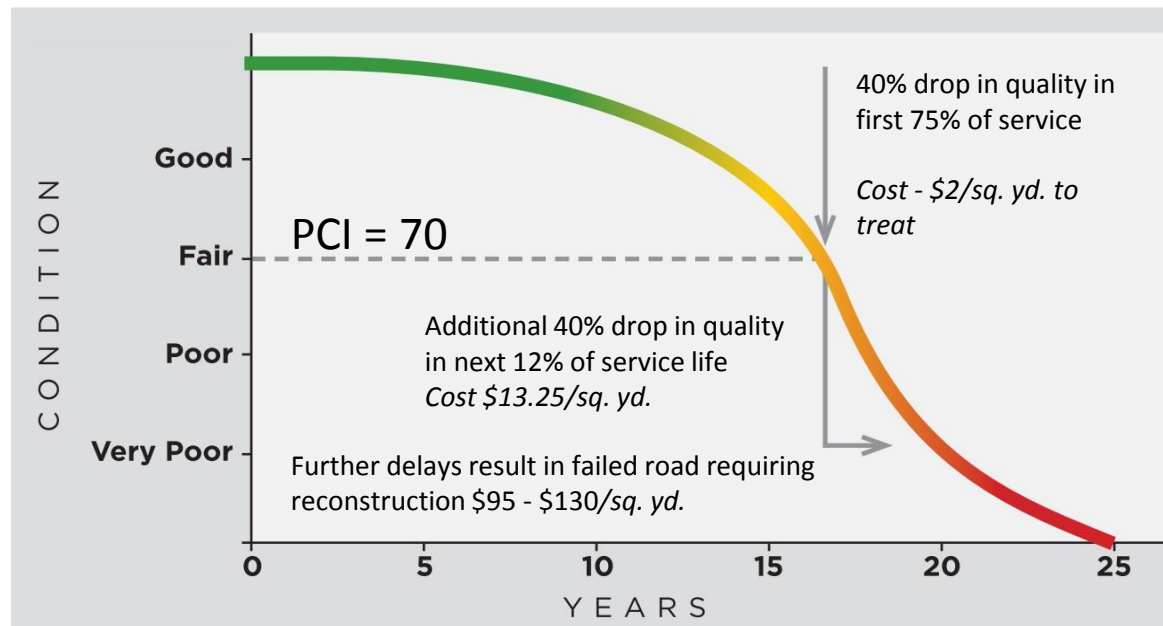
Project Funding, Scope & Report

- Consultant prepared budget option scenarios from the pavement management database.
- Consultant prepared a report in April 2016 titled Pavement Management Budget Options Report.
- City received an overall PCI of 61 in 2016.
- Report provided existing PCI and 4 budget scenarios:
 - Unconstrained (unrestricted funding) with PCI of 84
 - Increase PCI to 70 in 5 years
 - Increase PCI to 75 in 5 years
 - Increase PCI to 75 in 10 years

Report Summary

- Ideal roadway PCI is 82-84.
- PCI of 70 is tipping point where it costs more to maintain the roadway at a higher PCI as the pavement condition drops below 70.

Figure 1 – Road Condition over time



Report Summary

- Scenario 1 = \$1,640,000/yr., no deferred maintenance
- Scenario 2 = \$850,000/yr., \$10,600,00 deferred maintenance
- Scenario 3 = \$1,600,000/yr., \$6,700,000 deferred maintenance
- Scenario 4 = \$1,100,000/yr., \$7,100,000 deferred maintenance

Table 1 – Summary of outcome of different funding levels (Scenarios)

| Scenario Name | Budget | Final PCI (change) | Deferred maintenance | 2025 % good | 2025 % Very Poor |
|---------------------------------------|---------------------------------|-----------------------|-------------------------|----------------|---------------------|
| 1 – Unconstrained | \$16.4 million over 10 years | 84 (+23) | \$0 | 96.4% | 3.6% |
| 2 – Increase PCI to 70 in 5 years | \$4.25 million over 5 years | 70 (+9) | \$10.6 million | 73.0% | 18.0% |
| 3 – Increase PCI to 75 in 5 years | \$8.0 million over 5 years | 75 (+14) | \$6.7 million | 79.9% | 11.0% |
| 4 – Increase PCI to 75 in 10 years | \$11.0 million over 10 years | 75 (+14) | \$7.1 million | 85.9% | 10.0% |
| | 2016 Values | 61 | \$6.35 million | 40.6% | 10.8% |

Street Maintenance Utility Fee

- Staff prepared a review of the monthly cost per property account if a flat monthly fee were created. (3,545 user accounts)
- Scenario 1 = \$38.55/account/month
- Scenario 2 = \$19.98/account/month
- Scenario 3 = \$37.61/account/month
- Scenario 4 = \$25.86/account/month

Street Maintenance Utility Fee

- Staff then prepared a review of the first year maintenance based on differing levels of investment towards a target PCI of 70.
- Staff created the following maps

Existing PCI

2016 PCI Ratings for City Owned Streets



Scenario 2 – 5 Yr. Rotation

Scenario 2 5-Year Street Maintenance Schedule: Year of First Planned Repair



Scenario 2 – Repair Types

Scenario 2: 5-Year Recommended Street Repairs and Maintenance



\$5/month Fee (\$212,700)

Scenario 2, Year 1 Repair Schedule: \$5 Street Fee



\$7/month Fee (\$297,780)

Scenario 2, Year 1 Repair Schedule: \$7 Street Fee



\$9/month Fee (\$382,860)

Scenario 2, Year 1 Repair Schedule: \$9 Street Fee



\$11/month Fee (\$467,940)

Scenario 2, Year 1 Repair Schedule: \$11 Street Fee



\$19.98/month Fee (\$850,000)

Scenario 2: 5-Year Recommended Street Repairs and Maintenance



Questions?

